

Serial No.: 09/980,087

Please replace the paragraph beginning on page 6, line 14 and ending on page 7, line 3 with the following rewritten paragraph:

a² --A plurality of minute holes **7a** through which coolant can flow are preferably formed in the cooling pipe **7**, and aligned in the longitudinal direction **X**. A manifold **9** that is a substantially rectangular block, is provided aligned with the cooling pipe **7**. The manifold **9** has an inlet **9A** and an outlet **9B** which respectively communicate with the two ends of the cooling pipe **7**. The cooling pipe **7** and the manifold **9** are preferably made from a material that has no material affect on magnetic flux, such as an aluminum alloy or a copper alloy. The cooling pipe **7** and the manifold **9** may be connected by brazing, and act effectively as a frame for winding the coil **5**. Openings **11B** and **12B** through which the manifold **9** passes are respectively formed in the pair of plates **11** and **12**. Three holes **16** for passing two lead wires of the coil **5** and a single ground wire are formed in the plate **11**. The coil **5**, the cooling pipe **7** and the manifold **9** are covered by a rectangular resin block.--

SEE APPENDIX FOR CHANGES MADE TO THE SPECIFICATION

IN THE CLAIMS:

Please add the following new claims:

- a³* --4. (New) The linear direct current motor according to Claim 1, wherein the permanent magnet is attached to at least one of the center yoke and the outer yoke.
5. (New) The linear direct current motor according to Claim 1, further comprising side yokes by which the respective ends of the center yoke and the outer yoke are respectively connected.